Human trial of inhalable insulin

407. SHRIMATI SUKHBUNS KAUR: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether Government's attention has been drawn to reports that insulin that can be inhaled to keep the blood sugar under check, named by its manufacturer as EXUBERA, has been put to experimental use on humans in US and other countries;

(b) if so, whether any such experimentation on inhalable insulin has been carried out in India also; and

(c) if so, the outcome of such experimentation and the follow up action in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (SHRIMATI PANABAKA LAKSHMI): (a) Yes, Sir, EXUBERA, a insulin formulation administered by oral inhalation is currently in Phase-Ill Clinical Trial abroad.

(b) and (c) As a part of Global Clinical Trial M/s Quintiles Research (India) Pvt. Ltd., has been permitted recently on 08.11.2005 to conduct clinical trial with Inhalable Insulin Formulation in the country. Outcome of the studies would depend upon the evidence produced in the study.

Hygienic Drainage Disposal System

408. SHRI PRAMOD MAHAJAN: Will the Minister of RAILWAYS be pleased to state:

(a) whether Integral Coach Factory in Chennai is coming up with a prototype of Hygienic Drainage Disposal System which would be operated by engine driver ahead one km. before the station;

(b) if so, what further steps are being taken by Government to install the new system in all the trains;